ARNAV ELURI

Email: arnav.eluri@gmail.com
Mobile: +91 99001 33048

arnaveluri | LinkedIn
arnaveluri | Github

Computer Science undergraduate passionate about AI and full-stack development, with proven problem solving skills and a collaborative approach to building scalable solutions.

EDUCATION

REVA UNIVERSITY *BENGALURU, INDIA*
Undergrad Student **JUNE 2023 - AUGUST 2027**
Bachelors In Engineering - Computer Science and Information Technology

SKILLS SUMMARY

- **Programming Languages:** C, C++, Java, Python, JavaScript, TypeScript, HTML5, CSS3
- **Frameworks & Libraries:** Flask, OpenCV
- **Tools & Technologies:** Git, GitHub, REST APIs, Google Generative AI
- **Development Environments:** Visual Studio, Visual Studio Code, Jupyter Notebook
- **Concepts:** Object-Oriented Programming (OOP), Data Structures & Algorithms, Machine Learning, Image Processing, Web Development, Responsive Design
- **Soft Skills:** Problem-Solving, Team Collaboration, Technical Communication, Adaptability.

EXPERIENCE

Software Engineer Intern
October 2024 - April 2025
Uclid IT, Hyderabad

- Redesigned and optimized personal portfolio using HTML, CSS and JavaScript, improving UI/UX, performance, and responsiveness for a sleek and seamless user experience. Improved Performance by 40%.
- Developed a blood detection system using machine learning algorithms (CNN) and image processing techniques (Open CV), improving accuracy and efficiency based on research insights.

PROJECTS

Health and Wellness Project | LINK
November 2024 - December 2024
Technologies Used: HTML · CSS · Python · Flask · Generative AI · Artificial Intelligence with Gemini (AI)

- Developed a full-stack web application that generates personalized diet and workout plans based on user inputs, integrating Google Generative AI for intelligent recommendations.
- Designed a responsive frontend using HTML and CSS; implemented backend APIs using Python and Flask to enable seamless data exchange and user interaction.
- Secured API integration by managing environment variables via Python's os module, following industry best practices for secure data handling.

Snake Game | LINK
December 2024 - December 2024
Technologies Used: HTML, CSS, JavaScript

- Created an interactive browser-based Snake Game with dynamic grid rendering and real-time score tracking using JavaScript.
- Engineered core game logic with smooth collision detection, keyboard event handling, and DOM manipulation for seamless gameplay.
- Designed a mobile-responsive UI to ensure cross-device compatibility and consistent user experience.

Beginner - Friendly Face Identification System | LINK
December 2024 - January 2025
Technologies Used: Python, Flask, OpenCV.

- Built an AI-based face recognition system leveraging OpenCV and Flask to detect and verify identities based on facial features.
- Developed a simple, user-friendly web interface for uploading reference and test images, enabling real-time image recognition.
- Implemented optimized face-matching logic for accurate, efficient verification, with applications in security and authentication systems.